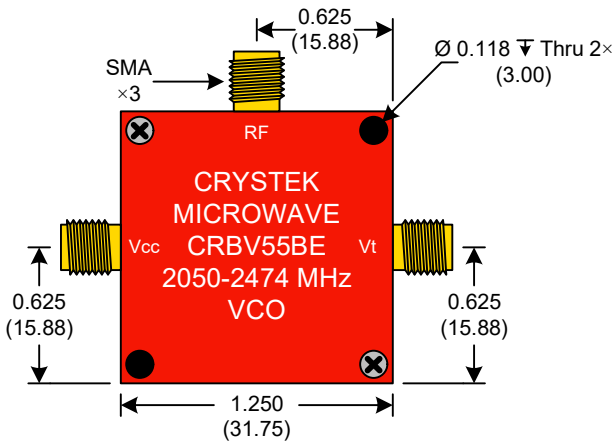


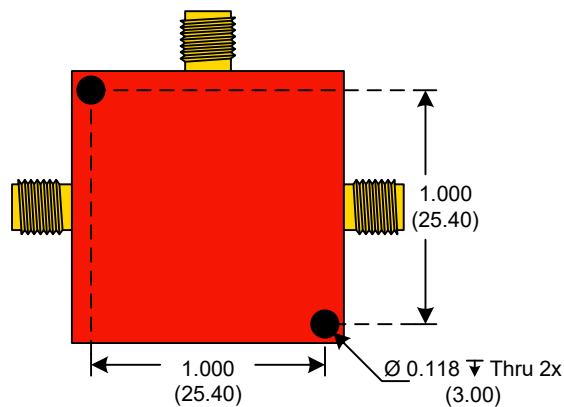


PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			2050	MHz
Upper Frequency:	2474			MHz
Tuning Voltage:	0		16.0	VDC
Supply Voltage:	7.6	8.0	8.4	VDC
Output Power:	+1.0	+4.0	+7.0	dBm
Supply Current:		28	35	mA
Harmonic Suppression (2 nd Harmonic)		-15	-8	dBc
Pushing:		0.5	1.0	MHz/V
Pulling, all Phases:		1.0	2.5	MHz pk-pk
Tuning Sensitivity:		30		MHz/V
Phase Noise @ 10kHz offset:		-101	-98	dBc/Hz
Phase Noise @ 100kHz offset:		-121	-118	dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			47	pF
Operating Temperature Range:	-40		+85	$^{\circ}\text{C}$
Storage Temperature Range:	-45		+90	$^{\circ}\text{C}$

FRONT



BACK



SIDE



● Unless otherwise specified, Dimensions are in: $\frac{\text{IN}}{\text{(mm)}}$



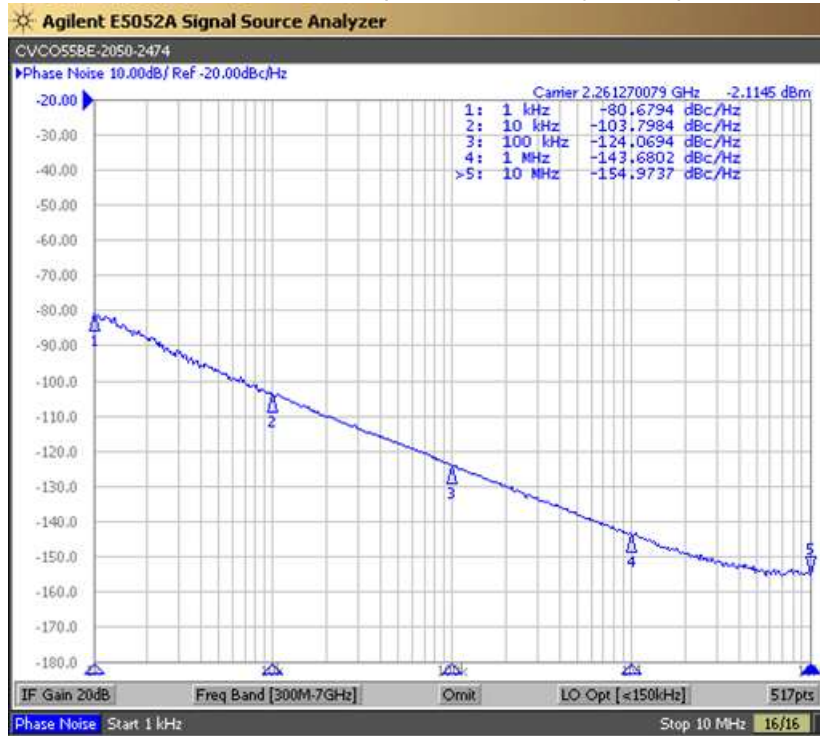
Proper ESD precautions should be taken to avoid performance degradation or loss of functionality.

Product Control:

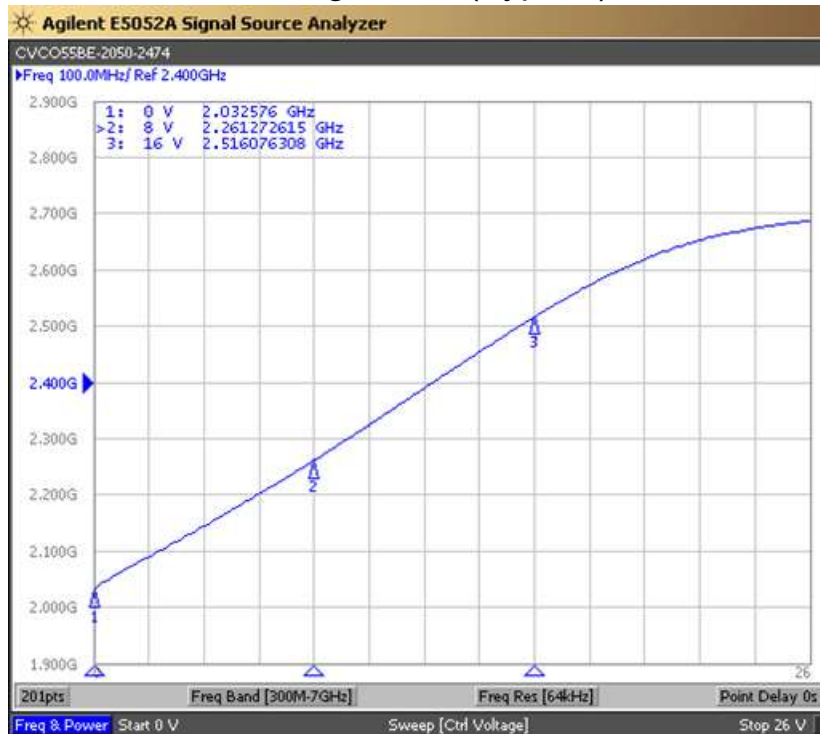
Crystek Part Number:	CRBV55BE-2050-2474	Release Date:	20-Feb-2026
Revision Level:	E	Responsible:	C. Vales



Phase Noise (1 Hz BW, Typical)



Tuning Curve (Typical)



Product Control:

Crystek Part Number:	CRBV55BE-2050-2474	Release Date:	20-Feb-2026
Revision Level:	E	Responsible:	C. Vales

Crystek Corporation reserves the right to make changes to its products and/or information contained herein without notice. No liability is assumed as a result of its use or application.